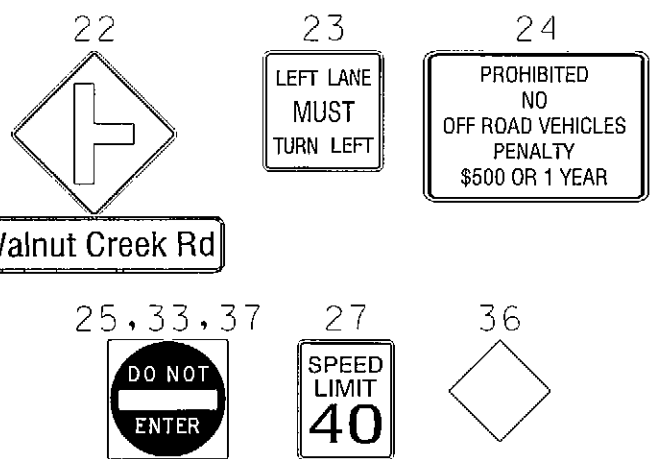
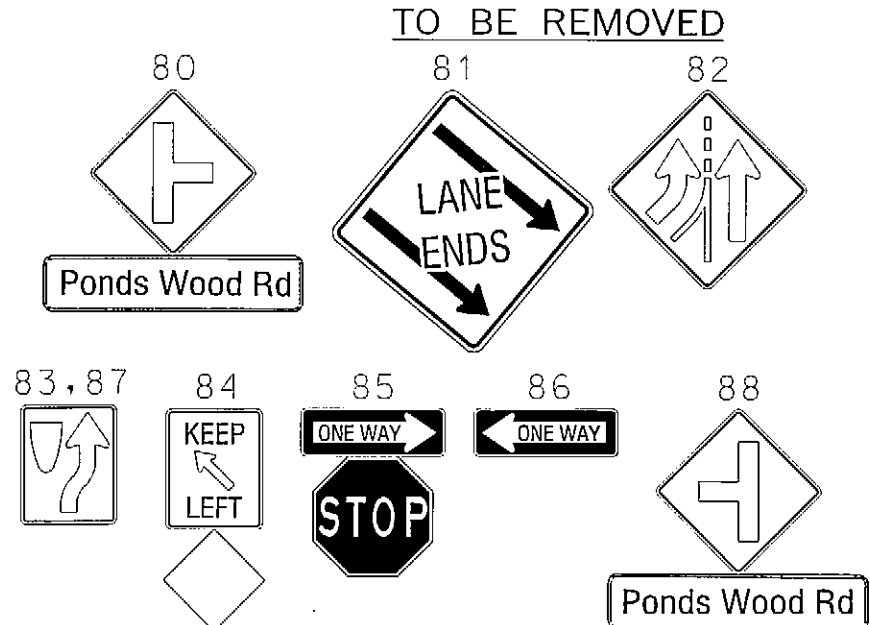


MD 2-4 IS ASSUMED TO RUN
IN A NORTH/SOUTH DIRECTION

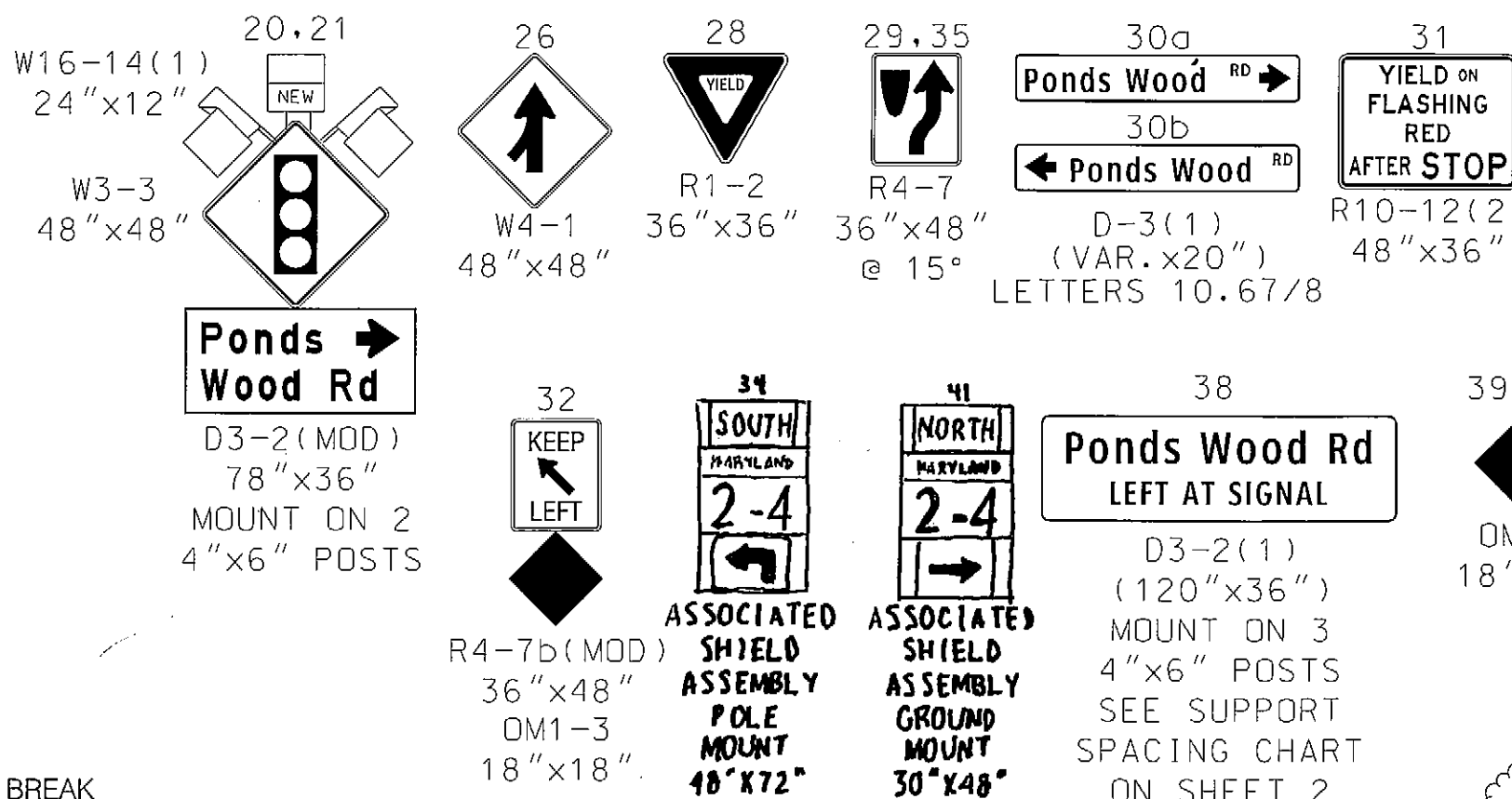
EXISTING SIGNS TO REMAIN



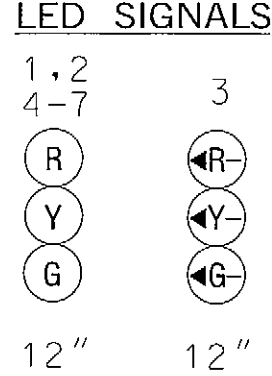
EXISTING SIGNS
TO BE REMOVED



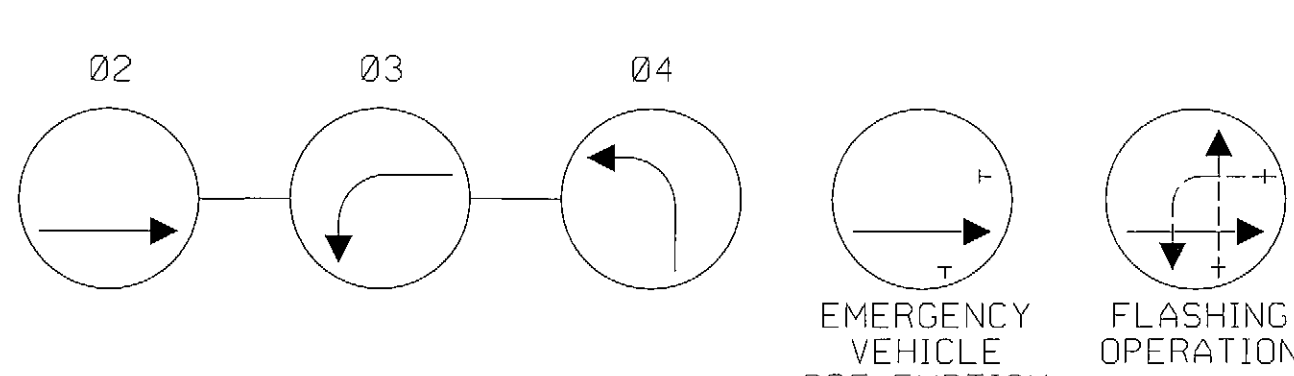
PROPOSED SIGNS



PROPOSED
LED SIGNALS



NEMA PHASING



NOTES:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
PHASE 3 SHALL ALWAYS PROCEED PHASE 4.

MD 2-4
(SOLOMONS ISLAND ROAD)

MD 2-4
(SOLOMONS ISLAND ROAD)

PONDS
WOOD RD

CONSTRUCTION DETAILS

- INSTALL CONC. FOUNDATION FOR A 27 FT. STEEL POLE WITH TWIN 50/50 FT. MAST ARMS WITH LED TRAFFIC SIGNAL HEADS, SIGN, VIDEO DETECTION CAMERAS, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND PHOTOCELL (NOTE: INSTALL 1-4 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL NEMA 6 BASE-MOUNTED CABINET, CONTROLLER AND PHONE DROP WITH ALL NECESSARY EQUIPMENT AS SHOWN. (NOTE: INSTALL 2-2 IN. AND 2-4 IN. PVC SCHEDULE 80 BENDS)
- INSTALL METERED SERVICE PEDESTAL EMBEDDED.
- INSTALL HANDHOLE.
- INSTALL HANDHOLE ORIENTED FOR NON INVASIVE PROBES.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- PROVIDE CONDUIT BEND AT THE BASE OF UTILITY POLE WITH PULL STRING.
- INSTALL NONINVASIVE DETECTOR AND 1000' LEAD-IN CABLE. (CENTER IN THRU LANE)
- INSTALL 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES FOR STOP LINE.
- INSTALL 10 INCH HEAT APPLIED WHITE PERMANENT PAVEMENT MARKINGS
- REMOVE GROUND MOUNTED SIGN
- INSTALL GROUND MOUNTED SIGN ON 4"x6" WOOD POST(S).
- REMOVE PAVEMENT MARKING.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED, PROVIDE CONDUIT BEND AT THE BASE OF UTILITY POLE WITH PULL STRING, FOR PHONE DROP.

- INSTALL 5' YELLOW PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
- INSTALL 10' WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE FILLED WITH SAND COLORED PREFORMED THERMOPLASTIC
- INSTALL 5' WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
- INSTALL GROUND MOUNTED SIGN ON 4'X4' WOOD SUPPORT

GENERAL NOTES:

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN.
- ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.
- IF ANY UTILITY SIGNALS CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- ALL SIGNS LOCATED IN CONCRETE MEDIANS SHALL BE SLEEVED.

GEOMETRIC LEGEND

--- EXISTING
--- PROPOSED

UTILITY LEGEND

SD - STORM DRAIN
G - GAS MAIN
W - WATER MAIN
S - SEWER MAIN
E - ELECTRIC CABLES
A - AERIAL CABLES
T - TELEPHONE CABLES
F - FIBER-OPTIC

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 2/4 (SOLOMONS ISLAND ROAD)
AT PONDS WOOD ROAD
SUNDERLAND, MD

SIGNALIZATION PLAN SHEET

SCALE 1"=20' ADVERTISED DATE 05/2011 CONTRACT NO. XX6475185

DESIGNED BY CW COUNTY CALVERT
DRAWN BY CW LOGMILE 05000225.61
CHECKED BY JS/CTS TMS NO. K642
F.A.P. NO. TOD NO.

TS NO. 4791 DRAWING - OF SHEET NO. 1 OF 2

APPROVALS	REVISIONS
TEAM LEADER 8-18-11	
8-18-11	
8-19-11	
8-24-11	

BAI

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PLOTTED: Friday, August 05, 2011 AT 08:05 AM
FILE: P:\09-002\TEDD\Task 53 MD 2-4 @ Ponds Wood\Drawings\CADD\Working\SSG-P001_M2_4@PondsWood.dgn